

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEW JERSEY**

SOCIAL POSITIONING INPUT  
SYSTEMS, LLC,

Plaintiff,

vs.

ORBCOMM, INC.,

Defendant.

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Case No:

PATENT CASE

**COMPLAINT**

Plaintiff Social Positioning Input Systems, LLC (“Plaintiff” or “SPIS”) files this Complaint against Orbcomm, Inc. (“Defendant” or “Orbcomm”) for infringement of United States Patent No. 9,261,365 (hereinafter “the ‘365 Patent”).

**PARTIES AND JURISDICTION**

1. This is an action for patent infringement under Title 35 of the United States Code. Plaintiff is seeking injunctive relief as well as damages.

2. Jurisdiction is proper in this Court pursuant to 28 U.S.C. §§ 1331 (Federal Question) and 1338(a) (Patents) because this is a civil action for patent infringement arising under the United States patent statutes.

3. Plaintiff is a Texas limited liability company with a virtual office located at 1801 NE 123 Street, Suite 314, Miami, FL 33181.

4. On information and belief, Defendant is a Delaware corporation with its principal office located at 395 W. Passaic Street, Suite 325, Rochelle Park, NJ 07662. On information and belief, Defendant may be served through its agent, The Corporation Trust Company, Corporation

Trust Center 1209 Orange St., Wilmington, DE 19801.

5. On information and belief, this Court has personal jurisdiction over Defendant because Defendant has committed, and continues to commit, acts of infringement in this District, has conducted business in this District, and/or has engaged in continuous and systematic activities in this District.

6. On information and belief, Defendant's instrumentalities that are alleged herein to infringe were and continue to be used, imported, offered for sale, and/or sold in this District.

### **VENUE**

7. On information and belief, venue is proper in this District under 28 U.S.C. § 1400(b) because Defendant is deemed to be a resident of this District. Alternatively, acts of infringement are occurring in this District and Defendant has a regular and established place of business in this District.

### **COUNT I** **(INFRINGEMENT OF UNITED STATES PATENT NO. 9,261,365)**

8. Plaintiff incorporates paragraphs 1 through 7 herein by reference.

9. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, *et seq.*

10. Plaintiff is the owner by assignment of the '365 Patent with sole rights to enforce the '365 Patent and sue infringers.

11. A copy of the '365 Patent, titled "Device, System and Method for Remotely Entering, Storing and Sharing Addresses for a Positional Information Device," is attached hereto as Exhibit A.

12. The '365 Patent is valid, enforceable, and was duly issued in full compliance with Title 35 of the United States Code.

13. The '365 Patent teaches a method and apparatus for entering, storing and sharing addresses for a positional information device.

14. The '365 Patent recognized problems associated with then-existing devices and methods for route guidance and address entry into mobile devices. For example, then-existing devices required manual entry of information. '365 Patent, 1:25-2:25. Also, different devices had different interfaces and accepted address information differently. *Id.* Also, then-existing systems would not allow a user to enter route information while driving. *Id.* Also, if a user had multiple vehicles all going to a location, the address information had to be entered multiple times. *Id.*

15. The claimed invention of the '365 Patent addressed these and other problems by providing systems and methods that, at least in some embodiments, include a requesting positional information device, a sending positional information device, and a server. '365 Patent, Summary, and Claim 1. The requesting positional information device makes a request to a server for an address stored in the sending positional information device. *Id.* The request includes a first identifier associated with the requesting positional information device. *Id.* The server obtains the address from the sending positional information device. *Id.* This involves the server determining a second identifier for the sending positional information device based on the first identifier. *Id.*

16. The present invention solves problems that existed with then-existing navigation systems associate with having address information loaded onto a positional information device (such as a GPS-equipped mobile phone). Problems arose due to a number of different factors including: (1) disparate navigational devices; (2) navigational devices that required preprogramming of address information; (3) the use of different vehicles by one or more users

all going to the same address; and (4) users needing address information downloaded while driving. See, '365 Patent Specification, Background.

17. The systems embodied in the '365 Patent claims incorporate hardware and software components that operate in a way that was neither generic, nor well-known, at least at the time of the invention.

18. The '365 Patent solves problems with the art that are rooted in computer technology and that are associated with electronic transmission, loading, and storage of location information, as well as automatic provisioning of route guidance. The '365 Patent claims do not merely recite the performance of some business practice known from the pre-Internet world along with the requirement to perform it on the Internet.

19. The improvements of the '365 Patent and the features recited in the claims in the '365 Patent provide improvements to conventional hardware and software systems and methods. The improvements render the claimed invention of the '365 Patent non-generic in view of conventional components.

20. The improvements of the '365 Patent and the features recitations in the claims of the '365 Patent are not those that would be well-understood, routine or conventional to one of ordinary skill in the art at the time of the invention.

21. Upon information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claim 1, of the '365 Patent by making, using (at least by having its employees, or someone under Defendant's control, test the accused Product), importing, selling, and/or offering for sale associated hardware and software for asset locating services (e.g., Orbcomm tracker and system, Orbcomm Pro-400, app and/or software) ("Product") covered by at least Claim 1 of the '365 Patent. Defendant has infringed and continues

to infringe the '365 patent either directly or through acts of contributory infringement or inducement in violation of 35 U.S.C. § 271.

22. The Product provides a vehicle tracking system for real-time GPS tracking of assets. A user can receive location information on a positional information device (e.g., mobile device or computer). Certain aspects of this element are illustrated in the screenshot(s) below and/or in those provided in connection with other allegations herein.



### Fleet Safety Device

Improve driver safety, enhance fleet efficiency and ensure compliance with ELD and other regulations

ORBCOMM's Pro-400 is a real-time fleet safety device that alerts drivers and managers when actions that may compromise safety are detected. With state-of-the-art voice coaching technology, the Pro-400 talks to drivers, telling them when they're speeding, driving aggressively or not wearing a seat belt, helping them develop better driving habits.

The Pro-400 is used with a mobile app and a cloud-based application as part of a comprehensive solution. In addition to in-cab coaching, the solution sends data to the application, allowing managers to receive alerts and generate reports to track driver performance, fleet status and productivity, as well as to ensure compliance with ELD and other regulations.

Source: <https://www.orbcomm.com/en/hardware/devices/pro-400>

## 5 Reasons to Choose the Pro-400 for Driver Safety and Monitoring

### 1. Dual-mode connectivity

Connectivity over the 2G/3G/4G LTE cellular network with optional backup satellite for uncompromised communications and driver safety, even in some of the most remote regions of the world.

### 2. Feature-Rich

Supports Wi-Fi as well as I/Os to facilitate integration with sensors, mobile applications and third-party systems for driver ID, panic button, driver fatigue, lane departure and collision avoidance.

### 3. Accelerometer

Built-in GPS and accelerometer enable dot-on-the-map location tracking, movement-based reporting and accident detection and reconstruction.

### 4. Versatile

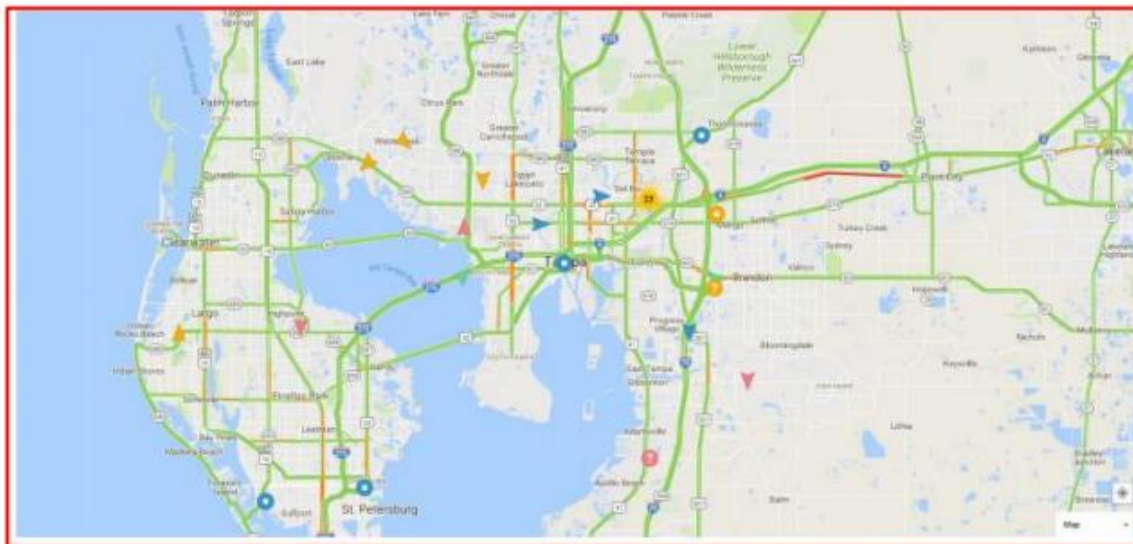
The Pro-400 solution supports OBDII and J-Bus connections and can be used with light to heavy-duty commercial vehicles.

### 5. Powerful Mobile App

Easy-to-use mobile app allows drivers to quickly access information, submit e-forms, and track and log Hours of Service (HOS), change duty status, vehicle inspections, fuel data, miles driven and more.

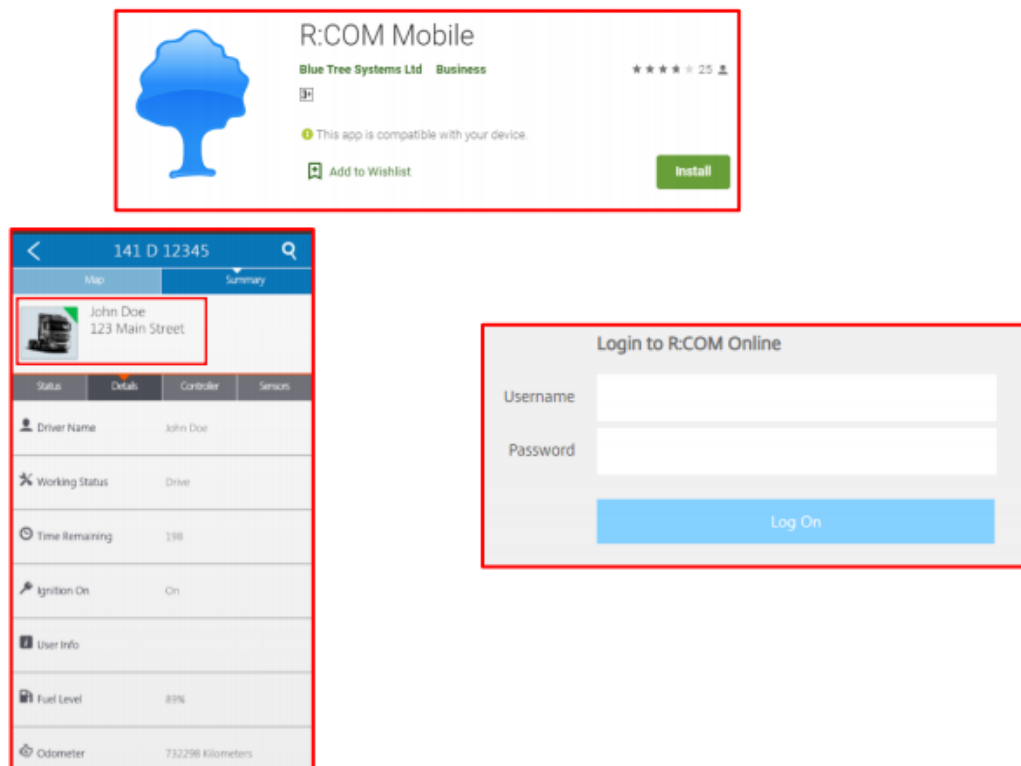


Source: <https://www.orbcomm.com/en/hardware/devices/pro-400>



Source: <https://www.orbcomm.com/PDF/brochures/Driver-Safety-and-Fleet-Management.pdf>

23. The Product software sends a request from a first (requesting) positional information device (e.g., mobile device or desktop with software installed) to a server. The request is for the real-time location (e.g., stored address) of a vehicle or vehicles, and includes a first identifier of the requesting positional information device (e.g., user ID and password for the Product software used in the particular enterprise). The request is sent to the Product server for transmitting the vehicle location. The server receives the at least one address from a second (sending) positional information device at the vehicle. Certain aspects of this element are illustrated in the screenshot(s) below and/or in those provided in connection with other allegations herein.



Source: <https://play.google.com/store/apps/details?id=com.bluetree.fleetmanager&hl=en>

Source: <https://rcom-ct.bluetreesystems.com/vpn/index.html>

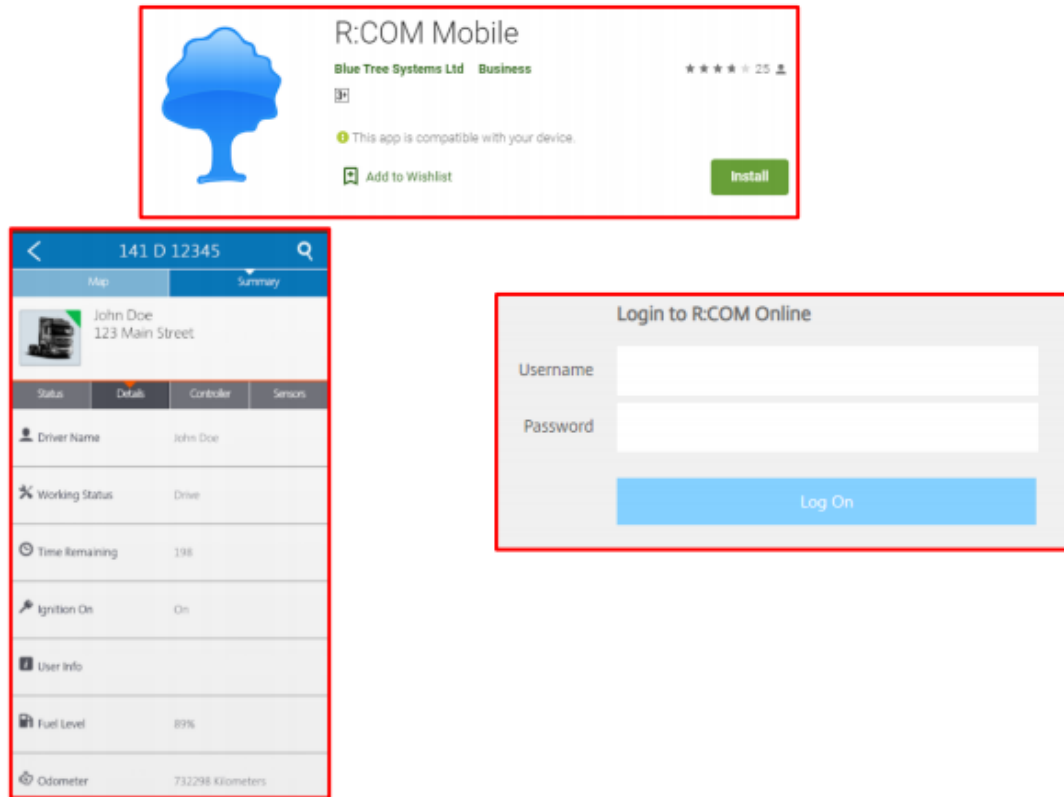




Source: <https://www.orbcomm.com/PDF/datasheet/pro-400.pdf>

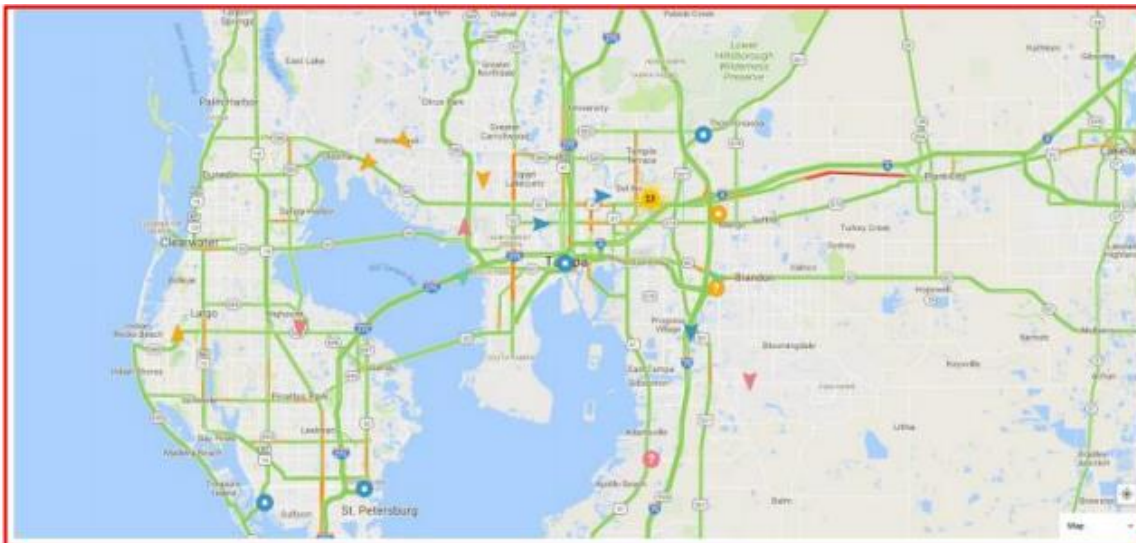
24. The at least one address is received from the server at the requesting positional information device. For example the Product's server transmits the position of an asset (at least one address) to the requesting positional information device. Certain aspects of this element are illustrated in the screenshot(s) below and/or in those provided in connection with other allegations herein.





Source: <https://play.google.com/store/apps/details?id=com.bluetree.fleetmanager&hl=en>

Source: <https://rcom-ct.bluetreesystems.com/vpn/index.html>



Source: <https://www.orbcomm.com/PDF/brochures/Driver-Safety-and-Fleet-Management.pdf>

25. A second identifier for the second (sending) positional information device is

determined based on the first identifier and the server retrieves the at least one address stored in the at least one sending positional information device. The Product application installed on the requesting positional information device requests (from the server) the vehicle's GPS location (i.e., at least one stored address stored). As shown above, before activating the tracker (i.e., the sending positional information device), a unique tracking device's ID number (i.e., second identifier) needs to be added to the user's account identified by the user login ID and password (i.e., the first identifier). Hence, the tracker device's ID number (i.e., second identifier) is mapped to the user's login ID (i.e., the first identifier) for tracking the real-time location (i.e., at least one stored address stored) of the vehicle. Certain aspects of this element are illustrated in the screenshot(s) below and/or in those provided in connection with other allegations herein.

## PRO-400

### Cellular-based telematics for driver safety and fleet management applications.

The versatile Pro-400 helps fleet managers improve driver safety, enhance productivity and ensure compliance.



**Cellular Communication**

- 4G/3G/2G
- LTE, EDGE, GSM, UMTS, HSPA, GPRS

**Satellite Communication (Optional with satellite modem)**

- Satellite service: Two-way, Global, IsatData Pro
- From-mobile message: 6,400 bytes
- To-mobile message: 10,000 bytes
- Typical latency: <15 sec, 100 bytes
- Elevation angle: +20° to +90° (remote antenna); -15° to +90° (low elevation antenna)
- Frequency: Rx: 1525.0 to 1559.0 MHz; Tx: 1626.5 to 1660.5 MHz
- EIRP: <7.0 dBW

**GPS**

- 32 Channel GPS/AGPS

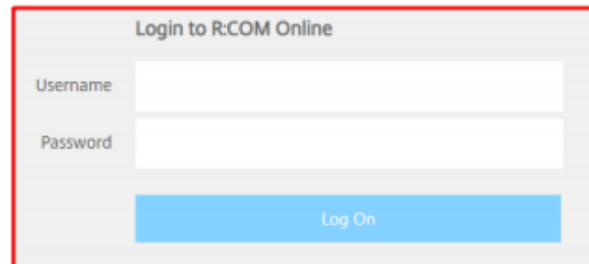
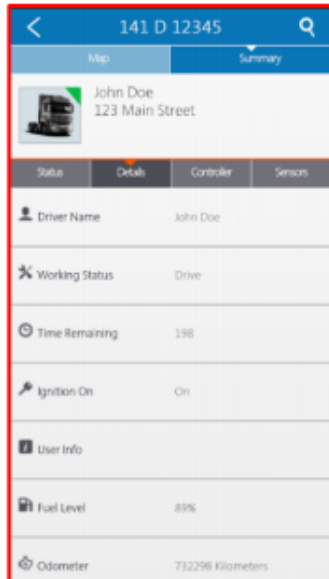
**Dual-mode connectivity**

ORBCOMM's Pro-400 delivers connectivity over the 4G/3G cellular network with optional backup satellite for uninterrupted communications and uncompromised driver safety, even in some of the most remote regions of the world.

**Comprehensive functionality**

Loaded with rich features, the Pro-400 supports Wi-Fi connectivity as well as I/Os to facilitate integration with sensors, mobile applications and third-party systems such as driver ID, panic button, driver fatigue monitoring systems and more. A built-in GPS and accelerometer enable dot-on-the-map location tracking, movement-based reporting and accident detection and reconstruction.

Source: <https://www.orbcomm.com/PDF/datasheet/pro-400.pdf>



Source: <https://play.google.com/store/apps/details?id=com.bluetree.fleetmanager&hl=en>

Source: <https://rcom-ct.bluetreesystems.com/vpn/index.html>

26. Defendant's actions complained of herein will continue unless Defendant is enjoined by this court.

27. Defendant's actions complained of herein are causing irreparable harm and monetary damage to Plaintiff and will continue to do so unless and until Defendant is enjoined and restrained by this Court.

28. Plaintiff is in compliance with 35 U.S.C. § 287.

### **PRAYER FOR RELIEF**

WHEREFORE, Plaintiff asks the Court to:

(a) Enter judgment for Plaintiff on this Complaint on all causes of action asserted

herein;

(b) Enter an Order enjoining Defendant, its agents, officers, servants, employees, attorneys, and all persons in active concert or participation with Defendant who receive notice of the order from further infringement of United States Patent No. 9,261,365 (or, in the alternative, awarding Plaintiff a running royalty from the time of judgment going forward);

(c) Award Plaintiff damages resulting from Defendant's infringement in accordance with 35 U.S.C. § 284;

(d) Award Plaintiff pre-judgment and post-judgment interest and costs; and

(e) Award Plaintiff such further relief to which the Court finds Plaintiff entitled under law or equity.

Dated: January 27, 2021

Respectfully submitted,

/s/ Mark A. Kriegel

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